SONY

3-230-536-**11**(3)

Cordless Telephone

with Answering System

Operating Instructions

Owner's Record

The model and the serial numbers are located at the bottom of the unit. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. SPP-A1050 Serial No._____

900MHz

SPP-A1050

Sony Corporation © 2001 Printed in China

For the customers in the USA

Be sure to save the receipt and attach it to your WARRANTY card when having your equipment repaired at an authorized Sony service center.

For the customers in the USA

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

INFORMATION FOR FCC REGURATION CLAIM

1. This equipment complies with Part 15 and Part 68 of the FCC rules for the United States. On the bottom of this equipment is a label that contains, among other information, the FCC certification number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.
2. This equipment connect to nationwide telephone network through a modular telephone jack which applicable certification jack (connector) is USOC-RJ11C.
3. The FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack that is part 68 compliant.
4. The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.
5. If this equipment (SPP-A1050) causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
6. The telephone company may make changes to it's facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice so you can make the necessary modifications to maintain uninterrupted service.
7. If trouble is experienced with this equipment (SPP-A1050), for repair or warranty information, please contact Sony Direct Response Center: Tel 1-800-222-7669. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
8. All repairs will be performed by an authorized Sony service station.
9. This equipment may not be used on coin service provided by the Phone Company or Party Lines.
10. This equipment is hearing aid compatible.

When programming emergency numbers and (or) making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call.
2. Perform such activities in the off-peak hours, such as early morning or late evenings.

Operation is subject to the following two conditions: (1)This device may not cause interference, and (2)This device must accept any interference, including interference that may cause undesired operation.

Caution

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Privacy of communications may not be ensured when using this phone.

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

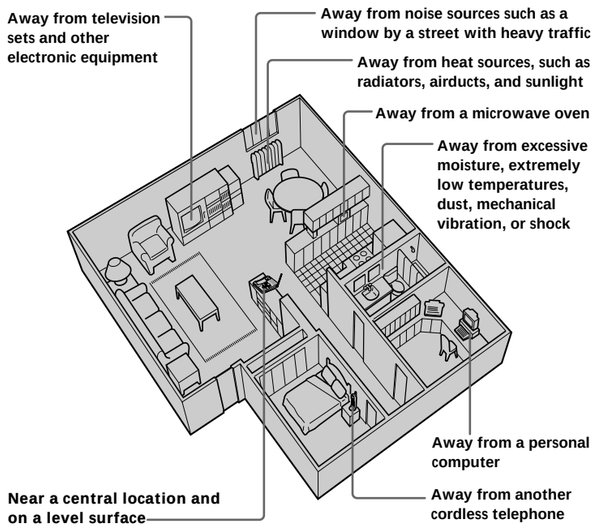
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

Setting up the phone

Caution

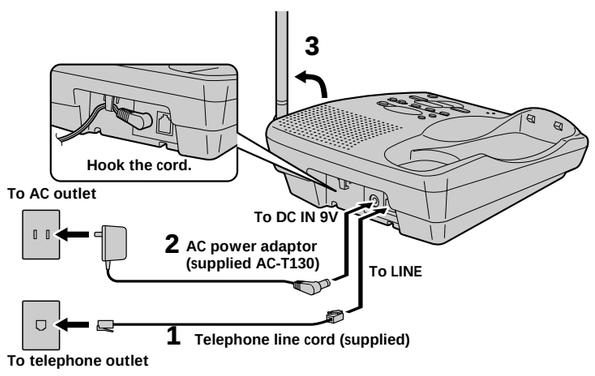
The cordless telephone operates at a frequency that may cause interference to nearby TVs and VCRs; the base unit should not be placed near or on the top of a TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

Choose the best location


Away from television sets and other electronic equipment
Away from noise sources such as a window by a street with heavy traffic
Away from heat sources, such as radiators, airducts, and sunlight
Away from a microwave oven
Away from excessive moisture, extremely low temperatures, dust, mechanical vibration, or shock
Away from a personal computer
Away from another cordless telephone
Near a central location and on a level surface

Connect the base unit

If you want to hang the base unit on the wall, mount the unit first (see "Mounting the base unit on the wall").



1 Connect the telephone line cord to the LINE jack and to a telephone outlet.

2 Connect the AC power adaptor to the DC IN 9V jack and to an AC outlet.

3 Raise the antenna. Make sure it points towards the ceiling.

Notes

- Use only the supplied AC-T130 AC power adaptor. Do not use any other AC power adaptor.
- Connect the AC power adaptor to a continuous power supply.
- Place the base unit close to the AC outlet so that you can unplug the AC power adaptor easily.

Tip

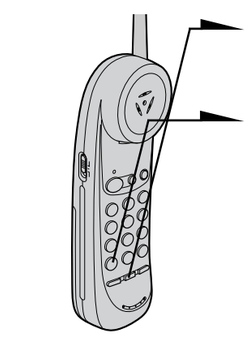
If your telephone outlet is not modular, contact your telephone service company for assistance.

Polarity of the plug

Modular

Choosing the dialing mode

For the telephone to work properly, select an appropriate dialing mode (tone or pulse). The default setting is tone.



1 Press PGM.
The TALK/BATT LOW lamp flashes.

2 Press ✱TONE.

3 Press 1 for pulse dialing or 2 for tone dialing.

4 Press PGM.
You hear a confirmation beep and the TALK/BATT LOW lamp goes off.

Note

Do not allow more than 20 seconds to elapse between each step of the procedure.

Prepare the battery pack

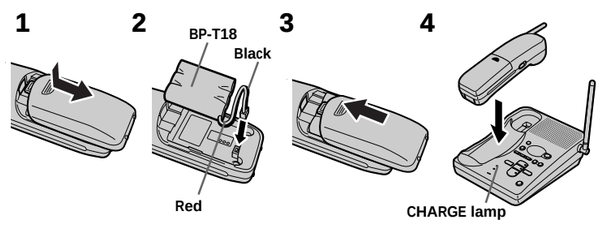
Charge the battery pack for more than **10 hours** before you start using your phone.

1 Slide open the battery compartment lid of the handset.

2 Connect the battery connector with correct polarity (black wire goes on right side and red wire goes on left).

3 Insert the battery pack, and close the lid.

4 Place the handset on the base unit.
The CHARGE lamp lights up when the handset is properly seated on the charge terminals of the base unit. Charge the battery pack for more than **10 hours** so that the battery is fully charged. The CHARGE lamp remains lit even after charging is completed.



Battery duration

A fully charged battery pack lasts for about:

- Approx. 7 hours when you use the handset continuously
- Approx. 6 days when the handset is in standby mode.

Notes

- The battery pack will gradually discharge over a long period of time, even if not in use.
- If you leave the battery pack in the handset without charging it, the battery pack will be completely discharged.
  It may require several times of charging to recover its full capacity.

To obtain the best performance from battery

Do not place the handset on the base unit after each call. The battery works best if the handset is returned to the base unit after two or three calls. However, do not leave the handset off the base unit for a long period of time as this will completely discharge the battery pack.

When to purchase a new battery pack

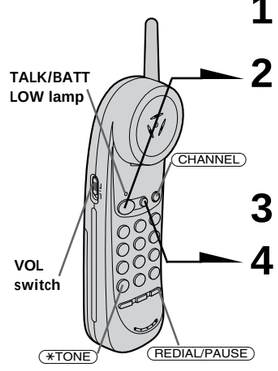
If the battery lasts only a few minutes even after **10 hours** of charging, the usable life of the battery has expired and needs replacement. Contact your local Sony authorized dealer or service center, and ask for a Sony **BP-T18** rechargeable battery pack.

Note

Battery life may vary depending on usage condition and ambient temperature.

Making and receiving calls

Making calls



1 Pick up the handset from the base unit.

2 Press TALK/FLASH.
TALK/BATT LOW lamp lights up, then you'll hear a dial tone. If you hear beeps, move closer to the base unit.

3 Dial the phone number.

4 When you're done talking, press OFF or replace the handset on the base unit.
The TALK/BATT LOW lamp goes off.

Receiving calls

1 When you hear the phone ring;

- Press TALK/FLASH (or any key except OFF).

or

- Pick up the handset from the base unit when the handset is placed on the base unit.

The TALK/BATT LOW lamp lights up at the same time the LINE lamp on the base unit lights up.

2 When you're done talking, press OFF or replace the handset on the base unit.
The TALK/BATT LOW and LINE lamps go off.

Additional tasks

To	Do this
Select a better channel	Press CHANNEL.
Adjust the handset volume	Set the VOL switch to H (high), M (middle) or L (low).
Switch to tone dialing temporarily	Press ✱TONE while using the telephone after you're connected. The line remains in tone dialing until disconnected.
Switch to another call ("call waiting" service*)	Press TALK/FLASH to access the flash function. Press TALK/FLASH again to return to the first caller.

* You need to subscribe to this service from your telephone company.

Notes

- Before dialing, make sure you can hear the dial tone, otherwise you cannnot dail correctly.
- When the TALK/BATT LOW lamp lights up by pressing TALK/FLASH, the LINE lamp on the base unit lights up simultaneously.

If the handset battery becomes weak during a call

You hear a beep and the TALK/BATT LOW lamp on the handset flashes. The call will disconnect soon. Replace the handset on the base unit to charge.

For optimum performance, charge the battery for a full 10 hours.

Note that during the first 10 - 15 minutes of charging, the phone will be inactive, i.e., unable to make or receive a call.
After this initial 10 - 15 minutes, you **may** be able to use the phone, but the battery duration will be **very short**; thus it is recommended that you **fully charge** the battery before the next usage.

Redialing

1 Press TALK/FLASH.
The TALK/BATT LOW lamp lights up.

2 Press REDIAL/PAUSE to redial the number last dialed.

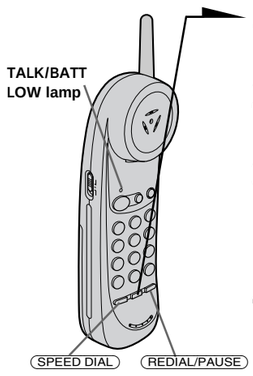
Note

If the number last dialed exceeds 16 digits, only the first 16 digits are dialed.

Speed dialing

You can dial with a touch of a few buttons by storing a phone number on a dialing button. You can store up to 10 different phone numbers.

Storing phone numbers



1 Press PGM.
The TALK/BATT LOW lamp flashes.

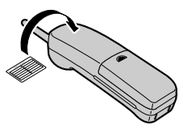
2 Press one of the dialing buttons (0 to 9) for the phone number to be stored.

3 Enter the phone number you want to store.
You can enter up to 16 digits, including a tone and a pause, each of which is counted as one digit.

4 Press PGM.
You'll hear a confirmation beep, and the number is stored. The TALK/BATT LOW lamp goes off.

Notes

- In step 3, if you don't enter the phone number, the previously stored number will be erased.
- Do not allow more than 30 seconds to elapse between each step of the procedure.
- Before storing phone numbers, make sure the handset is not in use.



Tips

- If you enter a wrong number, start from the beginning.
- Use the supplied directory to write down what you stored on the speed dialing numbers.

To store the previous number dialed

Press REDIAL/PAUSE directly after step 2, then go to step 4.

To store a number to be dialed via Private Branch Exchange (PBX)

Before entering a phone number in step 3, do as follows:

1 Enter the outside line access digit (e.g. 9).

2 Press REDIAL/PAUSE.

To change a stored number

To store a new number, follow the instructions described previously.

Making calls with speed dialing

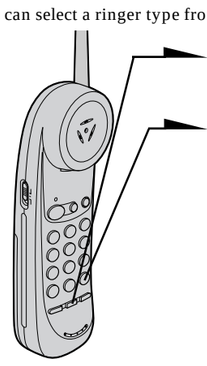
1 Press TALK/FLASH.
The TALK/BATT LOW lamp lights up.

2 Press SPEED DIAL.

3 Enter the desired speed dialing number (0 to 9).
The phone number stored in the speed dialing number will be dialed.

Setting the ringer type

You can select a ringer type from four types.



1 Press PGM.

2 Press #.

3 Press a number button, 1 to 4, to select a ringer type.

4 Press PGM.

Turning off the ringer

1 Press PGM.

2 Press #.

3 Press 5.

4 Press PGM.
The ringer on the handset is turned off.

To turn the ringer on again

Follow the instructions described in "Setting the ringer type."

Checking the ringer type

1 Press PGM.

2 Press #.

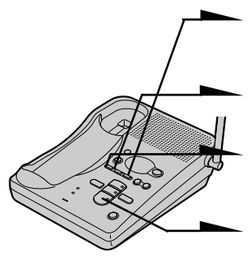
3 Press 0.
The currently selected ringer sounds.

4 Press PGM.

Note

If you hear no sound (only key beep), the ringer on the handset has been turned off.

Setting the base ringer



1 Press MENU until you hear "Set base ringer".
"- -" blinks on the display.

2 Press SELECT to turn the ringer on or off.

3 Press TIME/SET.
The base ringer setting is announced.

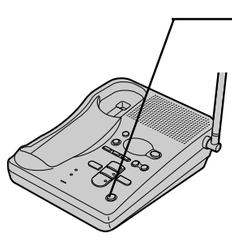
4 Press PLAY/STOP to exit the menu set up mode.

Note

The base ringer is preset to on.

Locating the handset

You can page the handset from the base unit. Note that you cannot page if the handset is in use.



Press HANDSET LOCATOR.
The handset rings for about one minute.

To stop ringing, press OFF on the handset.

Note

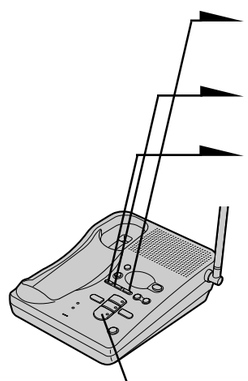
If a call comes in paging, paging is cancelled.

Tips

- You can page the handset even when "RINGER" is set to "RINGER OFF".
- To stop ringing at the base unit, press HANDSET LOCATOR.

Setting up the answering machine

Setting the time and day of the week



1 Press MENU repeatedly until you hear "Set day and time".
"- -" blinks on the display.

2 Press SELECT repeatedly to select the day of the week.

3 Press TIME/SET.
The day is set and the hour is announced.

4 Press SELECT repeatedly to select the hour.

5 Press TIME/SET.
The hour is set and the minute is announced.

6 Press SELECT repeatedly to select the minute.

7 Press TIME/SET.
The day and time you just entered is announced and the clock restarts.

8 Press PLAY/STOP to exit the menu setup mode.
You will hear a long confirmation beep.

Notes

- Press and hold SELECT to increase the minute setting by 10.
- The time and day are preset to Monday, 12:00 AM.
- "CL" flashes when the day and time is cleared or delayed due to a power interruption, or when you connect the base unit to the AC outlet for the first time.

Tip

All the mailbox buttons (MAILBOX 1, MAILBOX 2 and MAILBOX 3) work as the PLAY/STOP button; press any of the three in this case.

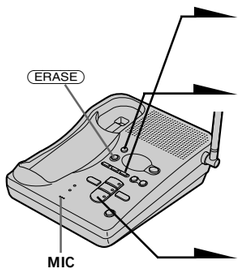
To hear the current time

Press TIME/SET.
The current time setting is announced.

(continued)

Recording the greeting

You can record your own greeting for the “normal” and “announcement only” modes (see “Selecting the Announcement Only Mode”).



1 Press MENU repeatedly until “Set out-going message” is announced.
“- -” blinks on the display.

2 Press REC/MEMO.
“Now recording” is announced and a long beep sounds.

3 Speak into the base unit microphone (MIC). The display starts counting. You can record up to 90 seconds.

4 To stop recording, press PLAY/STOP.
Your greeting replays automatically.

Notes

- If you do not record your own greeting, the prerecorded greeting will be assigned automatically.
- If your greeting is less than two seconds, the greeting is not recorded. The prerecorded greeting will be assigned automatically.
- If a call comes in during recording, recording stops automatically.
- If 90 seconds have passed or memory becomes full in step 3, recording stops automatically.
- “Memory full” is announced if no recording space is available when you press REC/MEMO. Erase unnecessary messages (see “Erasing messages”).

Tip

To record a greeting for the “announcement only” mode, select the announcement only mode first (see “Selecting the Announcement Only Mode”), then follow the instructions above. Otherwise, the normal greeting will be recorded.

To check the greeting

Press MENU repeatedly until “Set out-going message” is announced.
Then press PLAY/STOP to play back the greeting.

To change the greeting

Record a new greeting by following the instructions on the previous page. The new greeting replaces the old one.

To erase the greeting

1 Press MENU repeatedly until “Set out-going message” is announced.
2 Press ERASE.

Notes

- You can also erase the greeting during playback.
- If you have erased your own greeting, the prerecorded greeting will be assigned automatically.

Prerecorded greetings

Normal mode:	“Hello, I’m unable to answer your call right now. Please leave your name, number and message after the tone.”
Announcement only mode:	“Hello, I’m unable to answer your call right now. Please call again. Thank you.”

Setting the number of rings

You can select the number of times the phone rings before it answers to take a message.
There are four modes: 2, 4, 6, and Toll Saver.

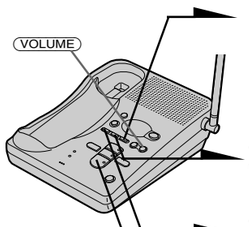
1 Press MENU repeatedly until you hear “Set number of rings”.
“- -” blinks on the display.
2 Press SELECT repeatedly to select a ring duration (2, 4, 6, or Toll Saver).
To answer after 2 rings, select “2”.
To answer after 4 rings, select “4”.
To answer after 6 rings, select “6”.
Select “Toll Saver” to answer after 2 rings when there are new messages, and 4 rings where there are no new messages.
3 Press TIME/SET.
The ring duration setting is announced.
4 Press PLAY/STOP to exit the menu setup mode.

Notes

- When the number of rings is set to “Toll Saver”, the phone answers after 2 rings if new messages are recorded. If no new message are recorded, it answers after 4 rings. When you hear 3 rings, you will know that there are no new messages. You can save the toll for the call when you pick up messages from an outside phone.
- The number of rings is preset to 4 rings.

Setting the audible message alert

You have the option of having a beep tell you if you have received any new incoming messages.

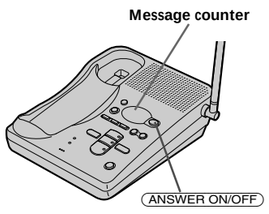


1 Press MENU repeatedly until you hear “Set audible message alert”.
“- -” blinks on the display.
2 Press SELECT to set the audible message alert on or off.
3 Press TIME/SET.
The setting is announced.
4 Press PLAY/STOP to exit the menu setup mode.

Notes

- When the audible message alert is turned on, you will hear a beep every 10 seconds if there are any new messages.
- To stop the beep, press any button related to the answering machine function or VOLUME + / −.
- The audible message alert is preset to off.

Turning on the answering function



Press ANSWER ON/OFF on the base unit.
The ANSWER ON / OFF button lights up.

Mailbox usage

This phone offers you three voice mailboxes, providing a convenient way to share the mailbox feature with other members of your household or business.

When a caller calls

The caller can choose one of the two ways to leave a message:

- If calling from a touch-tone phone, the caller select a mailbox by pressing ✱ 1 (MAILBOX 1), ✱ 2 (MAILBOX 2) or ✱ 3 (MAILBOX 3) while the caller hears the greeting. The greeting stops and a beep will sound, then the caller can start recording a message
- Wait until the greeting finishes, then start recording a message. When the caller does not select a mailbox, the message is automatically recorded to MAILBOX 1.

Notes

- If four minutes have passed while recording the incoming message, the line will be disconnected automatically.
- If the message is shorter than two seconds, it will not be recorded.

To turn off the answering function

Press ANSWER ON/OFF on the base unit.
The ANSWER ON / OFF button goes off.

Note

The answering function is preset to on.

Tip

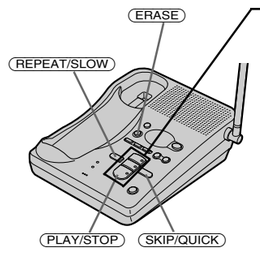
The answering machine will automatically answer a call after 10 rings, even if the answering function is off and announces “Please enter your security code” to prompt the caller to turn on the answering function.

When the memory is full

The total recording time of this answering machine is approximately 15 minutes (including the greeting, messages, and memo).
When the remaining recording time becomes less than 30 seconds, “F” flashes on the display and the answering machine goes into the memory full status.
In this status, the answering machine will not answer a call until after 10 rings even if the answering function is on.
To avoid this erase unnecessary messages (see “Erasing messages”). You can also erase the messages from an outside phone (see “Picking up new messages”).

Playing back messages

If there are new messages, the display flashes the number of new messages.
You will hear beeps if the audible message alert setting is on (see “Setting the audible message alert”).



Press a mailbox button (MAILBOX 1, MAILBOX 2 or MAILBOX 3) to play back new messages in the selected mailbox.

Additional tasks when playing back messages

To	Do this
Stop playback	Press a mailbox button (MAILBOX 1, MAILBOX 2 or MAILBOX 3).
Repeat the current message	Press REPEAT/SLOW during play back.
Skip the current message	Press SKIP/QUICK.
Go back to the previous message	Press REPEAT/SLOW within the first two seconds of the current message playback.
Play back slowly	Press and hold REPEAT/SLOW during play back. Release REPEAT/SLOW to return to normal.
Play back quickly	Press and hold SKIP/QUICK during play back. Release SKIP/QUICK to return to normal.

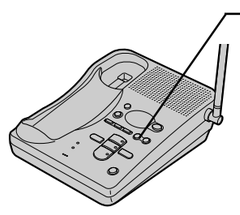
Notes

- If a call comes in, the play back will stop.
- A time and day stamp is announced after each message.

Tips

- If there are no new messages, all the previously reviewed messages are played back.
- The messages are saved even after a power failure.

Adjusting the speaker volume



To adjust the speaker volume, press VOLUME + or −.

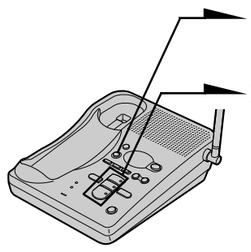
Notes

- When you have reached the minimum or maximum volume level, you will hear three short beeps.
- You cannot adjust the speaker volume while the phone is ringing.

Tip

There are 8 steps for the volume level (1 to 8). The volume level is preset to 5.

Erasing messages



1 Press and hold ERASE for more than two seconds.
2 Press a button for the mailbox you want to erase (MAILBOX 1, MAILBOX 2 or MAILBOX 3). You will hear a long confirmation beep and all “old” messages in the selected mailbox are erased.

To erase individual messages

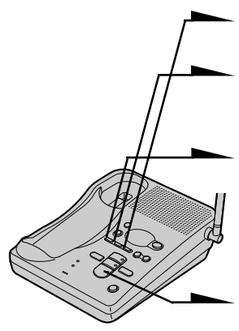
Press ERASE while playing back the message that you want to erase.

Note

The display shows the total number of “new” (i.e. unreviewed) messages. Therefore, the display is reset to “0” when you have played back all new messages, whether they have been erased or not. Be sure to erase unnecessary messages before the memory becomes full.

Selecting the Announcement Only Mode

You can set the answering machine to play the greeting without recording incoming messages (announcement only mode). You might want to select this mode when, for example, you expect to be away for a while and you cannot pick up messages.



1 Press MENU repeatedly until you hear “Set announce only”.
2 Press SELECT to set the announcement only mode on or off.
3 Press TIME/SET.
The setting is announced.
4 Press PLAY/STOP to exit the menu setup mode. The display shows “A” when the answering machine is set to the announcement only mode.

Notes

- To activate announcement only mode, you have to turn on the answering machine.
- The announcement only mode is preset to off.

Screening calls

You can screen calls by leaving the answering machine on while you are at home. When a call is answered, you can hear the message being recorded through the base unit. You can decide either to continue recording or to answer the call.

The message will be recorded, but to hear it you will need to play back the message (see “Playing back messages”).

To answer the call

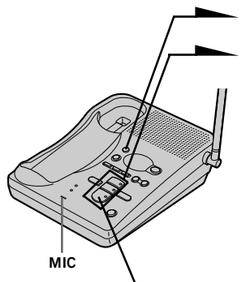
Press TALK on the handset.

Notes

- Press VOLUME + or − to adjust the speaker volume. If the speaker volume is set at its minimum level, you will not be able to hear incoming calls.
- The answering machine will stop automatically when the handset or a parallel phone is picked up. If the answering machine does not stop, press either PLAY/STOP on the base unit, or ✱ 0 on the handset or parallel phone.
  The recording will remain as a new message.

Recording a memo message

You can leave messages for other users of the unit.



1 Press REC/MEMO.
2 Press a mailbox button (MAILBOX 1, MAILBOX 2 or MAILBOX 3) to which you want to leave the message.
“Now recording” is announced and counting starts.
3 Speak into the base unit microphone (MIC) to record your message.
A memo can be up to four minutes in length.
4 Press PLAY/STOP to stop recording.
The message number on the display increases by one.

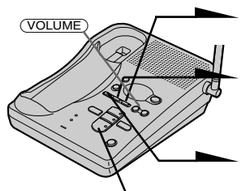
Notes

- If the memory becomes full, the answering machine will stop recording.
- “Memory full” is announced if no recording space is available when you press REC/MEMO.
- If your message is shorter than two seconds, the recording will be canceled.
- The display flashes “99” if you record a memo for more than 99 seconds.
- If a call comes in during recording, the recording will be stopped.

Operating from an outside phone

Setting the remote ID code (security code)

To operate the answering machine from a touch-tone phone while you are away from home, you need to set the remote ID code (security code).



1 Press MENU repeatedly until you hear “Set security code”.
2 Press SELECT to change the remote ID code (security code) setting.
3 Press TIME/SET to confirm your choice.
The new remote ID code (security code) is announced.
4 Press PLAY/STOP to exit the menu setup mode.

Note

Press and hold SELECT to increase the remote ID code (security code) by 10.

Picking up new messages

1 Call your telephone number from a touch-tone phone.
2 When you hear the greeting, press # and enter your remote ID code (security code).
You will hear a confirmation beep.
The number of new messages will be announced.
3 Press the keys in the “Table of control codes” below for the desired operation command.
4 When you are finished, disconnect the line.

Notes

- Do not let two seconds elapse between each digit of the remote ID code (security code) and the control code.
- If you did not turn on the answering machine, your phone answers automatically after 10 rings.
- If the message recording memory runs out, the answering machine turns off automatically. “Memory full. Please enter your security code” is announced.
- If you enter wrong remote ID code (security code) three times, the line will disconnect.
- If no keys are pressed within 20 seconds, the line will disconnect.

Tips

- Press ✱ 0 on the touch-tone keypad or PLAY/STOP on the base unit to disconnect the line.
- Cut off the Remote Control Card and carry it with you to see how to operate from an outside phone.

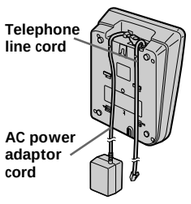
Table of control codes

To	Key	Notes
Play back messages in MAILBOX 1	# 1	Plays back from the first new message.
Play back messages in MAILBOX 2	# 2	Plays back from the first new message.
Play back messages in MAILBOX 3	# 3	Plays back from the first new message.
Repeat / skip backward	# 4	Press during play back to repeat a message. To skip backward, press within two seconds after the current message starts.
Get help	✱ 5	Press to access simple voice menu. Press again to access advanced voice menu.
Stop operation	# 5	Stops every function
Skip forward	# 6	Press during play back to skip forward.
Record greeting	✱ 7	“Now recording” is announced.
Check greeting	# 7	Review your greeting
Record a memo	✱ 8	Select the mailbox by entering “1”, “2” or “3”.
Erase individual messages	# 9	Press during play back
Turn answering machine on / off	# 0	Turns the system on / off. “Answer machine on” or “Answer machine off” is announced.

Mounting the base unit on the wall

1

2



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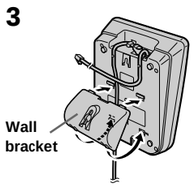

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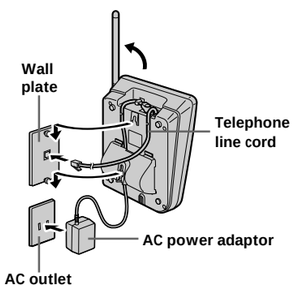

1 Raise the hang-up tab.
2 Plug the telephone line cord to the LINE jack and the AC power adaptor to the DC IN 9V jack, and hook the cords.
3 Attach the wall bracket to the center of the base unit.
Align the △ marks of the wall bracket with those of the base unit.
4 Plug the telephone line cord to the telephone outlet, and hook the base unit to the wall plate.
5 Plug the AC power adaptor to an AC outlet. Then raise the antenna so that it points towards the ceiling.

Tip

To remove the wall bracket, press the lower tabs.

Maintenance

- Clean the cabinets with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine as they may damage the finish of the cabinet.
- If the charge terminals of the base unit and handset are soiled, wipe them with a soft cloth.

If you have any questions or problems concerning your phone, please consult your nearest Sony dealer.

Notes on power sources

On battery pack

- Store the battery pack at a temperature between 41°F (5°C) and 95°F (35°C) for best performance.
- If you do not use the handset for a long period of time, remove the battery pack after charging for more than 10 hours. This maintains battery life.

On power failure

- During a power interruption, you **cannot** make or receive calls, and you **cannot** use the answering machine.

For the customers in the USA

RECYCLING NICKEL-CADMIUM BATTERIES

Nickel-Cadmium batteries are recyclable. You can help preserve our environment by returning your unwanted batteries to your nearest point for collection, recycling or proper disposal.

Note: In some areas the disposal of nickel-cadmium batteries in household or business trash may be prohibited.

RBRC (Rechargeable Battery Recycling Corporation) advises you about spent battery collection by the following phone number.

Call toll free number: 1-800-822-8837 (United States and Canada only)

Caution: Do not handle damaged or leaking nickel-cadmium batteries.

Troubleshooting

Should any problem persist after you have made these checks, consult your nearest authorized Sony dealer.

Problem	Solution
You hear four short error beeps when you press TALK/FLASH.	• Make sure you have set up the base unit correctly. • Move the handset closer to the base unit. • Replace the handset to the base unit for a while to reset the random security code.
You hear no dial tone.	• Make sure the telephone line cord is securely connected to the telephone outlet. • Make sure the battery is fully charged.
The phone does not connect at all, even though the number you dial is correct.	• Make sure the dialing mode is set correctly.
The phone does not redial correctly.	• Make sure the last dialed number is really the one you want to dial.
The handset does not ring.	• Make sure the ringer is turned on. • The battery may be weak. Charge the battery for more than 10 hours. • Make sure you have set up the base unit correctly. • Move the handset closer to the base unit. • Replace the handset to the base unit for a while to reset the random security code.
The base unit does not ring.	• Make sure the telephone line cord is securely connected to the telephone outlet. • Make sure the ringer is turned on.
You hear interference during conversation.	• Move the handset closer to the base unit. • Place the base unit away from noise sources. • Press CHANNEL for a channel that gives better reception.
You hear a beep every three seconds during the conversation.	• The battery is weak. Charge the battery for more than 10 hours.
You cannot store a speed dialing number.	• Make sure you follow the procedure in storing the number correctly. • Replace the handset to the base unit for a while.
You cannot make a speed dialing call.	• You pressed the number button to which no phone number has been stored.
Speed dialing is incorrect.	• Store a correct number.
The handset does not ring when calling from the base unit.	• The handset may be engaged in conversation. • The battery may have little or no power. Charge the battery for more than 10 hours. • Replace the handset to the base unit for a while. • Raise the antenna of the base unit vertically. • Place the base unit away from noise sources.
Message is not recorded.	• The remaining recording time is less than 30 seconds or 99 messages were recorded. The answering machine becomes “Memory full” status and does not record messages. Erase messages. • The message is less than two seconds. The answering machine does not record messages less than two seconds in length.
No sound from the speaker of the base unit.	• Adjust the speaker volume.
The caller’s message is interrupted.	• The caller’s message is too long. • The caller’s voice is too low. The unit disconnects the line when it detects seven seconds of silence.
The clock is incorrect.	• There was a power interruption. Reset the time.
The phone does not accept your remote ID code (security code).	• Make sure you call from a touch-tone phone. • Make sure the remote ID code (security code) is correct. • Make sure you entered the remote ID code (security code) within two seconds after you‘ve entered #.
The line is disconnected when you call your phone from a touch-tone phone.	• You entered wrong remote ID codes (security codes) three times.
The CHARGE lamp does not light up when you place the handset to charge.	• Wipe the charge terminals of the base unit and the handset with a soft cloth for better contact of the charge terminals. • Make sure the handset is placed on the base unit properly.
The battery duration is short.	• The battery pack was charged less than 10 hours (due to power failure, etc.). • The usage life of the battery has expired and needs replacement.

Message counter

The message counter on the base unit shows the following information.

When the counter shows	It means
Flashing number	Number of messages not yet played back.
CL	Flashes when the day and time is cleared or delayed due to a power interruption, or when you connect the base unit to the AC outlet for the first time. Reset the time correctly.
A	The announcement only mode is selected.
F	The recording area is full. Erase unnecessary messages.

Specification

General

Frequency band	902 - 928 MHz
Operating channel	30 channels
Dial signal	Tone, 10 PPS (pulse) selectable
Supplied accessories	AC power adaptor AC-T130 Telephone line cord (1) Rechargeable battery pack BP-T18 Directories (1 sheet) Wall bracket (1)

Handset

Power source	Rechargeable battery pack BP-T18
Battery life	Standby: Approx. 6 days Talk: Approx. 7 hours
Dimensions	Approx. 56 x 43 x 178 mm (w / h / d), antenna excluded (approx. 2 ¼ x 1 ¾ x 7 ⅛ inches) Antenna: Approx. 32 mm (approx. 1 ¼ inches)
Mass	Approx. 220 g (approx. 7.7 oz), battery included

Base unit

Power source	DC 9V from AC power adaptor AC-T130
Battery charging time	Approx. 10 hours
Dimensions	Approx. 172 x 65 x 205 mm (w / h / d), antenna excluded (approx. 6 ⅞ x 2 ⅝ x 8 ⅛ inches) Antenna: Approx. 153 mm (approx. 6 ⅛ inches)
Mass	Approx. 500 g (approx. 1 lb 2 oz), wall bracket excluded

Answering machine

Maximum recording time	About 15 minutes, using incorporated IC
Greeting message	Up to 90 seconds per each
Incoming and Memo message	Up to 4 minutes per message

Design and specifications are subject to change without notice.